

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Withdrawn) A method for preventing or treating (i) acute or chronic graft rejection in a recipient of cell, tissue or organ allo- or xenotransplant, (ii) an inflammatory or autoimmune disease in a subject in need thereof, (iii) vein graft stenosis, restenosis and/or vascular occlusion following vascular injury or (iv) a malignant proliferation disease in a subject in need thereof, comprising a step of administering to the recipient a therapeutically effective amount of an inhibitor of a Vav protein.
2. (Canceled)
3. (Withdrawn) A method according to claim, wherein the Vav protein is Vav1.
4. (Currently amended) A ~~therapeutic combination~~ pharmaceutical composition comprising
 - (a) an inhibitor of a Vav protein selected from the group consisting of
 - (i) an agent which inhibits the binding of Vav1 to Rac and/or GTPase;
 - (ii) an agent which inhibits guanine exchange factor activity of Vav1;
 - (iii) an agent which inhibits the binding of Vav1 to an activator of Vav1; and,
 - (iv) an agent which inhibit signal transduction mediated by Vav1,and,
 - (b) at least one second agent selected from an immunosuppressant, immunomodulatory or anti-inflammatory drug, or a chemotherapeutic agent.
5. (Withdrawn) A screening method for identifying an agent as an inhibitor of Vav1 or Vav2, comprising a step of determining the rate of guanine nucleotide exchange in a Rho or Rac GTPase in the presence of (a) the agent and (b) Vav1 or Vav2, or an active fragment or mutant thereof, wherein a decrease in the rate of guanine nucleotide exchange in the presence of the agent is indicative that the agent is an inhibitor of Vav1 or Vav2.
6. (Withdrawn) A screening method according to claim 5, comprising a step of measuring the rate of exchange of a fluorescent-labeled guanine nucleotide for an unlabelled guanine nucleotide in the GTPase in the presence of (a) the agent and (b) Vav1 or Vav2, or an active fragment or mutant thereof.

7. (Withdrawn) A screening method according to claim 6, wherein the method comprises
 - (i) incubating the GTPase with a fluorescent-labelled guanine nucleotide and
 - (ii) measuring fluorescence changes in the presence of
 - (a) the agent
 - (b) Vav1 or Vav2, or an active fragment or mutant thereof, and
 - (c) an unlabelled guanine nucleotide.
8. (Withdrawn) A screening method according to claim, which is suitable for high-throughput screening.
9. (Canceled) A Vav1 or Vav2 inhibitor obtainable by a screening method according claim 6.
10. (Canceled) A pharmaceutical composition for use in a method as defined in claim 1 comprising an inhibitor of a Vav protein and one or more pharmaceutically acceptable diluents or carriers therefore.
11. (New) The composition of claim 4, wherein the inhibitor of Vav1 is a Vav1 binding antibody.